Chue Zhang

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OBJECTIVE

I am currently a new grad that has graduated from The City College of New York with aspirations of becoming a Software Engineer. My personal ability consists of being persistent for success, creative and analytical troubleshooter, and having a strong drive to be efficient. I would like to begin my engineering career with an organization that will reward my efficient and effective performance with recognition and growth.

EDUCATION

The City College of New York (CCNY), **City University of New York (CUNY)**   *New York, NY*
Bachelors of Science in Computer Science

RELEVANT COURSEWORK

Data Structures, Algorithms, Software Engineering, Database Systems, Intro Machine Learning, Discrete Mathematics, Big Data Management, Big Data Management

SKILLS

Programming Languages: Python, HTML5, CSS3, JavaScript, Solidity, C, C++, Java, MySQL
Technologies: React, Express, Git/Github, Postgres, Heroku, Node, Node sass, Figma, VScode , Matplotlib, MariaDB, pyQT5, Hadoop, Web3
Languages: Fluent in Cantonese

PROJECTS

SimpleMTA [Postgres + Express + React + Node]   *Feb 2021 – May 2021*
- Deployed train tracking web-application using Heroku and PERN, fetching real-time information and updates on train statuses
- Designed and Developed REST API using ExpressJS with caching to allow for a quicker data retrieval
- Applied PostgreSQL to store and retrieve user information, following mandatory security protocols such as password hashing

Ethereum Slot Machine [Solidity + React]   *Feb 2021 – May 2021*
- Developed an Ethereum Slot machine web-application using React and Solidity following bi-weekly sprints
- Refined Smart Contracts with basic hashing algorithms to ensure maintenance of fairness between both the players and the casino
- Used Web3js to connect Back-end logic with Front-end design while deploying onto Heroku

Foodies! [Python]   *Aug 2019 - Dec 2019*
- Developed food ordering software using Python and PyQt5 for UI design
- Integrated Speech Recognition API to assist disabled folks with software navigation
- Designed a efficient multi-threaded delivery algorithm with Google Maps API applications

Stock Trading Software [Python]   *Aug 2019 - Dec 2019*
- Developed a stock trading software through the use of Python that supports real-time trading
- Created and formed a database using MySQL and MariaDB to store user's information
- Designed a simple user interface using PyQt5 to provide users with real time stock market updates

SUPPORTING EXPERIENCE

FyreSale   **New York, NY**
Front-End Developer   *April 2021 – June 2021*
- Led a team of 3 to develop user-friendly and visually appealing front-end design using React.js and Node-SASS
- Developed a re-useable components library using Rollup.js to improve organization of existing code base
- Reviewed team members' pull requests to ensure that the proposed code is compatible with existing code base

ASSOCIATION

CUNY Tech Prep, *Full Stack Web Development Student*   *Aug 2020 – May 2021*